

Word List: penta-, oct-, sol-, soli-

penta-
oct-
sol-, soli-

five
eight
one, only, alone

Vocabulary

pentagon (n)

pentathlon (n)

octagon (n)

octave (n)

octet (n)

octopus (n)

solitaire (n)

solitude (n)

Definitions

a polygon with **five** sides and **five** angles

an athletic contest consisting of **five** different events

a shape with **eight** sides and **eight** angles

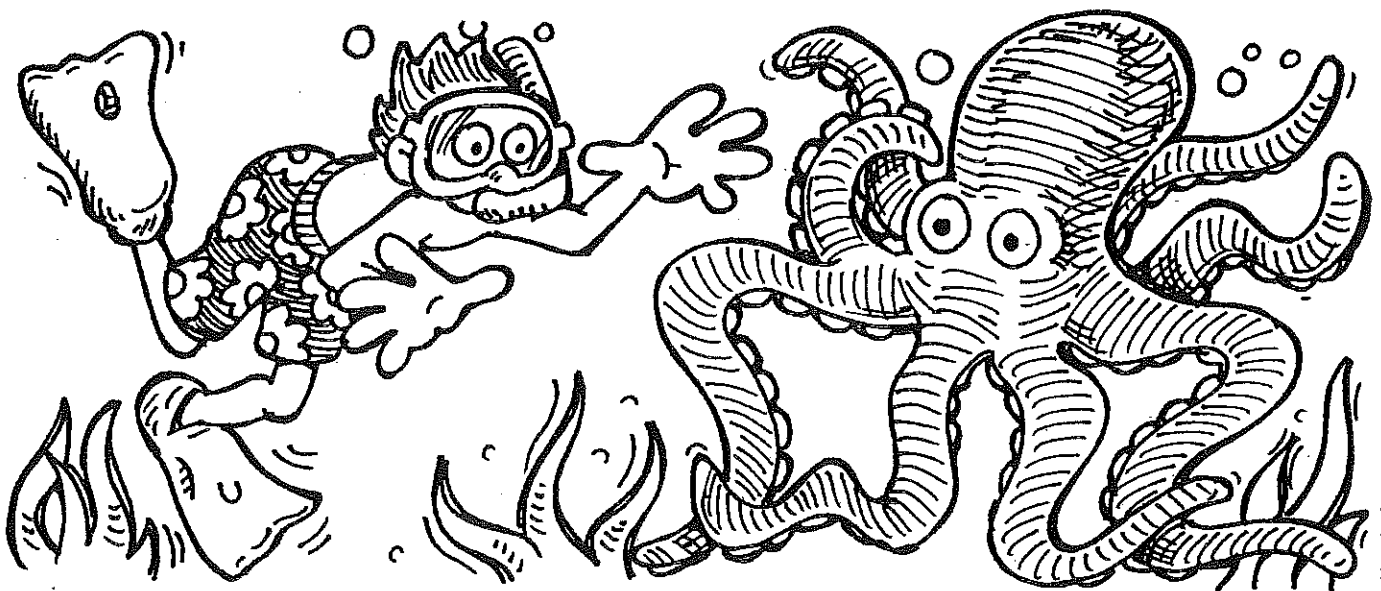
a group or series of **eight**; in music, a tone **eight** degrees higher or lower than another tone

a group of **eight**; **eight** musicians

a mollusk with **eight** tentacles

a card game played by **one** person

isolation; seclusion; the state of being **alone**



Vocabulary Sort: penta-, oct-, sol-, soli-

Cut apart the words and definitions. Match each word to its definition. Check your answers by referring to the word list.

octopus	octave	pentathlon	solitude
pentagon	octet	solitaire	octagon
a shape with eight sides and eight angles		a card game played by one person	
a mollusk with eight tentacles		isolation; seclusion; the state of being alone	
a group of eight ; eight musicians		an athletic contest consisting of five different events	
a polygon with five sides and five angles		a group or series of eight ; in music, a tone eight degrees higher or lower than another tone	

Application and Practice: penta-, oct-, sol-, soli-

Sentence Fill-ins

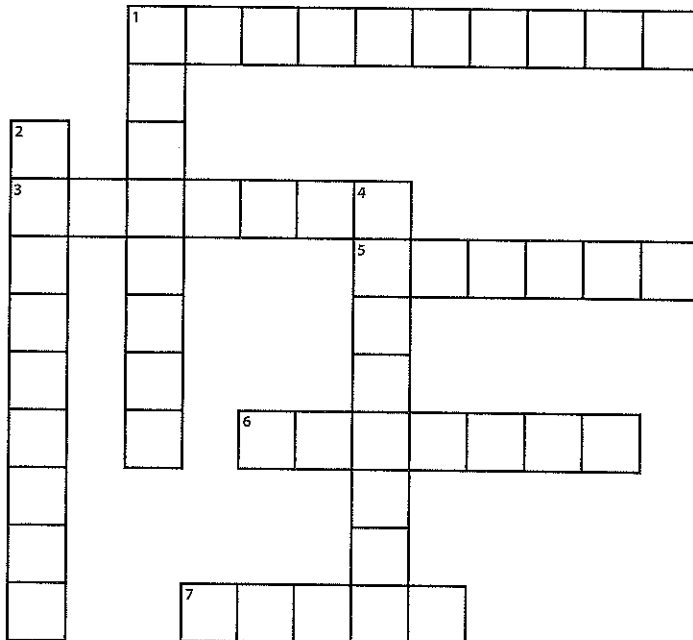
Complete each sentence with the correct word. Use each word only once.

solitaire	octet	octagon	pentathlon
solitude	octave	pentagon	octopus

- 1 My uncle is planning to compete in the upcoming _____.
- 2 Did you see the _____ while visiting the aquarium?
- 3 I just got a new deck of cards, so I'm ready to play _____.
- 4 The band consists of an _____, so they need a large stage.
- 5 She built a cabin in the unique shape of a _____ because her favorite number is five.
- 6 His music teacher was impressed with the _____ in which he could sing.
- 7 RaeAnn really needed some _____. She planned to spend the day in a quiet room reading a book to relax.
- 8 She bought a mirror that was in the eight-sided shape of an _____.

Crossword Puzzle

Write the word that matches each clue to complete the puzzle.



Across

1. an athletic contest with five different events
3. a mollusk with eight tentacles
5. a tone eight degrees higher or lower than another
6. a polygon with eight sides and eight angles
7. a group of eight musicians

Down

1. a polygon with five sides and five angles
2. a card game to play alone
4. a state of being alone